

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: December 13, 2002, 17:31:36 (without alignments) (without alignments)
(without alignments) updates/sec 967.211 Million cell

Title: US-09-659-737A-1
Perfect score: 164
Sequence: 1. gcacccgggacatcaaggcag.....tgccttgatggccccaaag 164

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15333831 residues

Total number of hits satisfying chosen parameters: 882724

Post-processing: Minimum Match 0%

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Listing first 45 summaries

Database : Issued Patents NA:*

- 1: /cn2_6/potoda/1/ina/5A_COMB.seq:*
- 2: /cn2_6/potoda/1/ina/5B_COMB.seq:*
- 3: /cn2_6/potoda/1/ina/6A_COMB.seq:*
- 4: /cn2_6/potoda/1/ina/6B_COMB.seq:*
- 5: /cn2_6/potoda/1/ina/PCTUS_COMB.seq:*
- 6: /cn2_6/potoda/1/ina/Backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	72	43.9	404	1 US-08-222-616-21 Sequence 21, Appl
2	72	43.9	404	4 US-08-446-648-21 Sequence 21, Appl
3	72	43.9	404	5 PCT-US95-04228-21 Sequence 21, Appl
4	62	37.8	137	4 US-08-446-648-13 Sequence 13, Appl
5	62	37.8	137	5 PCT-US95-04228-13 Sequence 13, Appl
6	62	37.8	137	5 PCT-US95-04228-13 Sequence 13, Appl
7	33.2	20.2	3389	1 US-08-395-580-1 Sequence 1, Appl
8	33.2	20.2	3426	1 US-08-205-018-1 Sequence 1, Appl
9	32	19.5	1008	4 US-08-887-534A-35 Sequence 35, Appl
10	29.6	18.0	1047	4 US-08-207A-168 Sequence 168, Appl
11	29.6	18.0	3149	4 US-08-951-527-31 Sequence 31, Appl
12	29.6	18.0	3946	4 US-09-453-702B-103 Sequence 103, Appl
13	29	17.7	3280	1 US-08-259-000-4 Sequence 4, Appl
14	29	17.7	3280	1 US-08-729-767-6 Sequence 1, Appl
15	28.8	17.4	2247	4 US-09-221-017B-475 Sequence 35, Appl
16	28.6	17.4	43360	4 US-09-453-702B-206 Sequence 168, Appl
17	28.6	17.4	45325	4 US-09-453-702B-261 Sequence 31, Appl
18	27.2	16.6	952	4 US-08-943-731-87 Sequence 103, Appl
19	27.2	16.6	7218	1 US-08-232-463-14 Sequence 4, Appl
20	27.2	16.6	14855	2 US-08-687-080-59 Sequence 1, Appl
21	27.2	16.6	38682	4 US-08-943-731-2 Sequence 35, Appl
22	27	16.5	43360	4 US-09-586-935-4 Sequence 168, Appl
23	27	16.5	50000	4 US-09-194-053-3 Sequence 31, Appl
24	26.4	16.1	1223	2 US-08-463-081B-3 Sequence 103, Appl
25	26.4	16.1	1223	2 US-08-461-379A-3 Sequence 4, Appl
26	26.4	16.1	1223	2 US-08-462-390B-3 Sequence 1, Appl
27	26.4	16.1	1223	3 US-08-463-074B-3 Sequence 3, Appl

ALIGNMENTS

US-08-222-616-21

Query Match 43.9%; Score 72; DB 1; Length 404;
 Best Local Similarity 69.6%; Pred. No. 2.8e-15; Mismatches 96; Conservative 0; Indels 0; Gaps 0;

Qy 27 TTTCGCTACTGAGAAGATAGACATGATGACATCTGCATAAACTTGAAGATTACAG 86

Db 163 ACTTTGGCTGCCAGAGATGGCACACAAATGAGCACAGCAGGACCTATG 162

Qy 103 TTTCGCTGCTGCAGCCCATGTGAGTGACAGACATGGACCAAGACCTGTAACCG 162

Db 223 CCTGGATGCTCTGAGG 240

RESULT 2

US-08-446-648-21

Sequence 21 Application US/08446648

PATENT NO. 6331302

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Bennett, Brian D.

APPLICANT: Lee, James M.

APPLICANT: Goeddel, David

APPLICANT: Matthews, William

APPLICANT: Tsai, Siao Ping

APPLICANT: Wood, William T.

TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPONENT: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Windatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/446,648

FILING DATE: 04-APR-1994

CLASSIFICATION: 435

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/222616

FILING DATE: 04-APR-1994

ATTORNEY / AGENT INFORMATION:

NAME: Lee, Wendy M.

REGISTRATION NUMBER: 40,378

REFERENCE/DOCKET NUMBER: P0821P3PCT

SEQUENCE CHARACTERISTICS:

LENGTH: 404 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 404 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 404 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 404 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

Db 103 TTTCGCTGCTGAGCCATGTGAGTGACAGACATGGACCAAGACCTGTAACCG 162

Qy 87 ATTTGGGTGGCAGGGATGGCACAGGACCAAAATGAGCACAGCAGCAGCCTATG 146

Db 163 ACTTTGGCTGCCAGAGATGGCACAAACACACATGAGTCGCGCNGCAGCTAC 222

Db 103 TTTCGCTGCTGAGCCATGTGAGTGACAGACATGGACCAAGACCTGTAACCG 162

Qy 87 ATTTGGGTGGCAGGGATGGCACAGGACCAAAATGAGCACAGCAGCAGCCTATG 146

Db 163 ACTTTGGCTGCCAGAGATGGCACAAACACACATGAGTCGCGCNGCAGCTAC 222

RESULT 3

PCT-US95-04228-21

Sequence 21 Application PC/TU9504228

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Bennett, Brian D.

APPLICANT: Goeddel, David

APPLICANT: Lee, James M.

APPLICANT: Matthews, William

APPLICANT: Tsai, Siao Ping

APPLICANT: Wood, William T.

TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPILER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04228

CLASSIFICATION:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/222616

FILING DATE: 04-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Wendy M. Lee

REGISTRATION NUMBER: 00,000

REFERENCE/DOCKET NUMBER: 821P3PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/952-9881

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 404 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US95-04228-21

Query Match 43.9%; Score 72; DB 5; Length 404;

Best Local Similarity 69.6%; Pred. No. 2.8e-15; Mismatches 96; Conservative 0; Indels 0; Gaps 0;

Qy 27 TTTCGCTACTGAGAAGATAGACATGATGACATCTGCATAAACTTGAAGATTACAG 86

Db 103 TTTCGCTGCTGCAGCCATGTGAGTGACAGACATGGACCAAGACCTGTAACCG 162

Qy 87 ATTTGGGTGGCAGGGATGGCACAGGACCAAAATGAGCACAGCAGCAGCCTATG 146

Db 163 ACTTTGGCTGCCAGAGATGGCACAAACACACATGAGTCGCGCNGCAGCTAC 222

Qy 27 TTTCGCTACTGAGAAGATAGACATGATGACATCTGCATAAACTTGAAGATTACAG 86

Qy 147 CCTGGATGCCAGAG 164

Db 223 CCTGGATGCTCTGAGG 240

Qy 147 CCTGGATGCCAGAG 164

Db 223 ||||||| |||| |
 RESULT 4 ; Sequence 13, Application US/08222616
 US-08-222-616-13 ; Sequence 13, Application US/08222616
 Sequence 13, Application US/08222616
 PATENT NO. 563177 ; Patent No. 6331302
 GENERAL INFORMATION ;
 APPLICANT: Bennett, Brian D.
 APPLICANT: Goeddel, David
 APPLICANT: Lee, James M.
 APPLICANT: Matthews, William I.
 APPLICANT: Tsai, Siao Ping
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST
 TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIbODIES
 NUMBER OF SEQUENCES: 42
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/222,616
 FILING DATE: 07/8/994
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 PRIOR APPLICATION NUMBER: PCT/US93/00586
 FILING DATE: 22-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/222616
 FILING DATE: 07/8/994
 ATTORNEY/AGENT INFORMATION:
 NAME: Lee, Wendy M.
 REGISTRATION NUMBER:
 FILING DATE: 22-JAN-1993
 REFERENCE/DOCKET NUMBER: P0821P3PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/952-9881
 TELEFAX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 137 base Pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 US-08-222-616-13
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 137 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-222-616-13
 Query Match 37.8%; Score 62; DB 1; Length 137;
 Best Local Similarity 66.4%; Pred. No. 4.2e-12; Mismatches 89; Conservative 0; Indels 0; Gaps 0;
 Matches 45; Mismatches 0; Gaps 0;
 QY 2 CACCGGACATCAAGCAGAAATTTCCTACTTGAGAGATAAGATGATGACATC 61
 Db 4 CACCGGAGATCTCACACACATTTCTGCAGCCATGGAGTGGACAGGACATG 63
 QY 62 TGCATAAATCTTGAGAATACAGATTGGTGGCAGGGATGGACAGGACATC 121
 Db 64 GAGCACACAGGCTGAGATGACCTTGCCGAGATGGACAAACACACA 123
 QY 122 AAATGAGCACAGC 135
 Db 124 CAATGAGTCGCC 137
 RESULT 6
 PCT-US95-04228-13
 Sequence 13, Application PC/TUS9504228
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Bennett, Brian D.
 APPLICANT: Goeddel, David

APPLICANT: Lee, James M.
 APPLICANT: Matthews, William
 APPLICANT: Tsai, Siao Ping
 APPLICANT: Wood, William L.
 TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
 NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/04228
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/222616
 FILING DATE: 04-APR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Wendy M. Lee
 REGISTRATION NUMBER: 00, 000
 REFERENCE/DOCKET NUMBER: 821P3PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-1994
 TELEX: 910/31-7168
 INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 LENGTH: 137 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 PCT-US95-04228-13

Query Match 37.8%; Score 62; DB 5; Length 137;
 Best Local Similarity 66.4%; Pred. No. 4.2e-12; Mismatches 45; Indels 0; Gaps 0;

QY 2 CACGGGACATCAAGCAGGAATTGAGATGAGAGATAGAACATGATGACATC 61
 Db 4 CACCGAGATCAGGCCAACAACTTGTCTGCCTGAGCATGAGCTGAGCATG 63

QY 62 TGCATAAACAATTGAGATTACAGATTGGTGGCAGGGATGGCACAGGACC 121
 Db 64 GAGCAGAGACCCCTGAGATCAGCTTGCCGAGAGTGGCACAAACCACA 123

QY 122 AAAATGAGCACAGC 135
 Db 124 CAATGAGTGGCCGC 137

RESULT 7
 US-08-395-580-1
 ; Sequence 1, Application US/08395580
 ; Patent No. 554523
 ; GENERAL INFORMATION:
 ; APPLICANT: Usharani R. Reddy, David Pleasure and the Children's Hospital of Philadelphia
 ; TITLE OF INVENTION: No. 5676945el Protein Kinase, Nucleic Acid Sequences Encoding the Same and Methods Related Thereto
 ; NUMBER OF SEQUENCES: 4

RESULT 8
 US-08-205-018-1
 ; Sequence 1, Application US/08205018
 ; Patent No. 554523
 ; GENERAL INFORMATION:
 ; APPLICANT: Reddy, Usharani R.
 ; TITLE OF INVENTION: No. 554523el Protein Kinase, Nucleic Acid Sequences Encoding the Same and Methods Related Thereto
 ; NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5676945ris
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patin, Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/395, 580
 FILING DATE: Herewith

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/205, 018
 FILING DATE: 01-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Rebecca L. Ralph (formerly Gaumond)
 REGISTRATION NUMBER: 35, 152
 REFERENCE/DOCKET NUMBER: CH-0488
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3389 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 99..2105
 ; US-08-395-580-1

Query Match 20.2%; Score 33.2; DB 1; Length 3389;
 Best Local Similarity 62.7%; Pred. No. 0.11; Mismatches 38; Indels 3; Gaps 1;
 Matches 69; Conservative 0; Mismatches 38; Indels 3; Gaps 1;

QY 58 CATCTGAATAAACATTGAGATACAGATTGGTTGGCAGGGAA--ATGGCACAG 114
 Db 830 CACCTACGAGATGTTGGTGAAGATCTCAGATTGGCACTTCAGAGGTGAGTGACAA 889

QY 115 GACCACAAATGAGCACAGGAGACACTATGCCATGGATGAGTGGCCAGAAG 164
 Db 890 GAGCACCAAGATGTCCTTGAGGAGACAGTAGGCCATGGATGAGTGG 939

RESULT 9
 US-08-205-018-1
 ; Sequence 1, Application US/08205018
 ; Patent No. 554523
 ; GENERAL INFORMATION:
 ; APPLICANT: Reddy, Usharani R.
 ; TITLE OF INVENTION: Sequences Encoding the Same and Methods Related Thereto
 ; NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 554523ris
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patin, Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/205, 018
 FILING DATE:

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Gaumont, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: CH-0488
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3426 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 99..2105

RESULT 9
US-08-887-534A-35
Sequence 35, Application US/08887534A
Patent No. 6455323

GENERAL INFORMATION:

APPLICANT: Holden, David W.
TITLE: ANTI-BACTERIAL METHODS AND MATERIALS
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive/6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08-887,534A
FILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gianni, Edward R
REGISTRATION NUMBER: 33,547
REFERENCE/DOCKET NUMBER: P50475

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:
LENGTH: 1008 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "cDNA (genomic) (p10c34)"

RESULT 10
US-08-858-207A-168/C
Sequence 168, Application US/08858207A
Patent No. 6348328

GENERAL INFORMATION:

APPLICANT: Black, Michael
APPLICANT: Hodson, John
APPLICANT: Knowles, David
APPLICANT: Nicholas, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552

CORRESPONDENCE ADDRESS:

ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA

ZIP: 19406-0339

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08-858,207A
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 60/017670
FILING DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gianni, Edward R
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P50475

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-270-4478
TELEFAX: 610-270-5090

INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 1047 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-858-207A-168

Query Match 19.5%; Score 32; DB 4; Length 1008;
Best Local Similarity 62.5%; Pred. No. 0.16; Matches 50; Mismatches 30; Indels 0; Gaps 0;

Oy 18 CAGGAATATTTGCTACTTGAGAACATGACATCGATGCCAAACTTGA 77
Db 689 CTGGTGTAATTGATATGATGATGCTGAGATGGAGAAATCAAAATCACATTA 748

Oy 78 AGATTACAGATTGGTTG 97
Db 749 ATGCGACTGATPATGGTTG 768

Query Match 20.2%; Score 33.2; DB 1; Length 3426;
Best Local Similarity 62.7%; Pred. No. 0.11; Matches 69; Mismatches 38; Indels 3; Gaps 1;

Oy 11 CACCTTGAGGATGTTGAGATCATGAGATTCAGATTGCGGTGAGGAA--ATGCCACAG 114
Db 830 CACCTTGAGGATGTTGAGATCATGAGATTCAGATTGCGGTGAGGAA--ATGCCACAG 889

Oy 115 GACCACCAAAATGAGCACAGCAGGACCTATGCGCTTGAGATGGCCCGAGAAG 164
Db 890 GAGCAGGACCAAGATGCTCTTGAGGACAGTAGCCGATGGCCCGTGGAG 939

Query Match 20.8%; Score 32; DB 4; Length 1047;
Best Local Similarity 56.0%; Pred. No. 1.1; Matches 56; Mismatches 44; Indels 0; Gaps 0;

Oy 24 ATATTGCTACTTGAGAACATGAGACATCTGCATAAACTTGAGATTA 83
Db 277 ATTTGCTTCAAGATAGTAGTAGGAGGAAAGATAATGATATAAGTTACATGTTG 218

QY 84 CAGATTTGGTTGGCGAGGGATGGCACAGGACACCA 123
 US-08-961-527-31/c
 ; Sequence 31, Application US/08961527
 ; Patent No. 6420135
 ; GENERAL INFORMATION:
 ; APPLICANT: Charles Kunsch
 ; TITLE OF INVENTION: streptococcus pneumoniae Polynucleotides and Sequences
 ; NUMBER OF SEQUENCES: 391
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Human Genome Sciences, Inc.
 ; STREET: 9410 Key West Avenue
 ; CITY: Rockville
 ; STATE: Maryland
 ; ZIP: 20850
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB storage
 ; COMPUTER: HP Vectra 486/33
 ; OPERATING SYSTEM: MSDOS version 6.2
 ; SOFTWARE: ASCII Text
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/961,527
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Brookes, A. Anders
 ; REGISTRATION NUMBER: 36,373
 ; REFERENCE/DOCKET NUMBER: PB340PL
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (301) 309-8504
 ; TELEFAX: (301) 309-8512
 ; INFORMATION FOR SEQ ID NO: 31:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 3149 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; US-08-961-527-31

Query Match 18.0%; Score 29.6; DB 4; Length 3149;
 Best Local Similarity 56.0%; Pred. No. 1.8; Mismatches 56; Conservative 0; MisMatches 44; Indels 0; Gaps 0;

QY 24 ATTTTGTCTACTTGAGAGATGAACTATGATCATCTGCATAAACATTGAGATTAA 83
 Db 542 ATTCCTCAGAATGAGATAGTAGAGAAATATGATATAAAGTTATCTGATG 483

QY 84 CAGATTTGGTTGGCGAGGGATGGCACAGGCCACCA 123
 Db 482 GACGTTAACGTTACACCCAGAATGACACAAACCAA 443

RESULT 12
 US-09-453-702B-103
 ; Sequence 103, Application US/09453702B
 ; Patent No. 6365723
 ; GENERAL INFORMATION:
 ; APPLICANT: Blattner, Frederick R.
 ; Burland, Valerie
 ; Penna, Nicolle T.
 ; Plunkett, Guy
 ; Welch, Rod
 ; TITLE OF INVENTION: NO. 6365723el Sequences of E. coli 0157
 ; NUMBER OF SEQUENCES: 265

QY 84 CAGATTTGGTTGGCGAGGGATGGCACAGGACACCA 123
 Db 217 GGCGTTAACGTCACACAGAATGACACAAACCAA 178

RESULT 11
 US-08-961-527-31/c
 ; Sequence 31, Application US/08961527
 ; Patent No. 6420135
 ; GENERAL INFORMATION:
 ; APPLICANT: Charles Kunsch
 ; TITLE OF INVENTION: streptococcus pneumoniae Polynucleotides and Sequences
 ; NUMBER OF SEQUENCES: 391
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Human Genome Sciences, Inc.
 ; STREET: 9410 Key West Avenue
 ; CITY: Rockville
 ; STATE: Maryland
 ; ZIP: 20850
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB storage
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Word Perfect 8.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/453, 702B
 ; FILING DATE: 03-Dec-1999
 ; CLASSIFICATION: <Unknown>
 ; PRIORITY APPLICATION DATA:
 ; FILING DATE: 04-DEC-1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Seay, Nicholas J.
 ; REGISTRATION NUMBER: 27396
 ; REFERENCE/DOCKET NUMBER: 960296.95017
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (609) 251-5000
 ; TELEFAX: (608) 251-3166
 ; INFORMATION FOR SEQ ID NO: 103:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 3946
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 103:
 ; US-09-453-702B-103

Query Match 18.0%; Score 29.6; DB 4; Length 3946;
 Best Local Similarity 52.4%; Pred. No. 2; Mismatches 65; Conservative 0; MisMatches 59; Indels 0; Gaps 0;

QY 26 ATTTGCTACTTGAGAGATGAACTATGATCATCTGCATAAACATTGAGATTAA 85
 Db 1673 ATTCCTCAGAATGAGATAGTAGAGAAATATGATATAAAGTTATCTGATG 1732

QY 85 GATTITGGTTGGCGAGGGATGGCACAGGCCACCAAAATGAGCACAGCAGGCCACCAT 145
 Db 1733 CACTTGCTGACAGTATTCCAGAGACAAATTAAATGAAATGGCATATTAT 1792

QY 146 GCCT 149
 Db 1793 CCCT 1796

RESULT 13
 US-08-255-000-4
 ; Sequence 4, Application US/082559000
 ; Patent No. 5571514
 ; GENERAL INFORMATION:
 ; APPLICANT: HOOK, Magnus
 ; APPLICANT: LINDBERG, Martin Kjell
 ; APPLICANT: SIGNAS, Lars Christer
 ; APPLICANT: WADSTROM, Torkel Mikael
 ; APPLICANT: FRIMAN, Gunnar
 ; TITLE OF INVENTION: FIBRONECTIN BINDING PROTEIN AS WELL AS ITS PREPARATION
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis
 ; STREET: P.O. Box 1404
 ; CITY: Alexandria
 ; STATE: Virginia
 ; COUNTRY: United States
 ; ZIP: 22313-1404

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/259, 000
 FILING DATE: 13-JUN-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: SE 8702272-9
 FILING DATE: 01-JUN-1987
 ATTORNEY/AGENT INFORMATION:
 NAME: Meuth, Donna M
 REFERENCE/DOCKET NUMBER: 36, 607
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-5620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3280 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 NAME/KEY: CDS
 LOCATION: 57..3114
 US-08-259-000-4

RESULT 14
 US-08-729-767-6
 ; Sequence 6, Application US/08729767
 ; Patient No. 577072
 GENERAL INFORMATION:
 APPLICANT: HOOK, Magnus
 APPLICANT: LINDBERG, Martin Kjell
 APPLICANT: SIGMAS, Lars Christer
 APPLICANT: WADSTRÖM, Torkel Mikael
 APPLICANT: FRÖMAN, Gunnar
 TITLE OF INVENTION: FIBRONECTIN BINDING PROTEIN AS WELL AS
 TITLE OF INVENTION: ITS PREPARATION
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Burns, Doane, Swecker & Mathis, L.L.P.
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/729, 767
 FILING DATE: 07-OCT-1996
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/259, 000
 FILING DATE: 13-JUN-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/007, 817
 FILING DATE: 22-JAN-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/201, 028
 FILING DATE: 01-JUN-1988
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: SE 8702272-9
 FILING DATE: 01-JUN-1987
 ATTORNEY/AGENT INFORMATION:
 NAME: McGowan, Malcolm K.
 REFERENCE/DOCKET NUMBER: 39, 300
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-5620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3280 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 57..3114
 US-08-729-767-6

RESULT 15
 US-09-221-017B-475/C
 ; Sequence 475, Application US/09221017B
 ; Patient No. 644799
 GENERAL INFORMATION:
 APPLICANT: ROSS, Bruce C.
 TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
 NUMBER OF SEQUENCES: 1120
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORRISON & FOERSTER
 STREET: 755 PAGE MILL ROAD
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304-1018
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows
 SOFTWARE: FASTSEQ for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/221, 017B
 FILING DATE: 23-DEC-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PPI182
 FILING DATE: 31-DEC-1997
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PPI1546

FILING DATE: 30-JAN-1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PP2911
FILING DATE: 03-APR-1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/AU98/01023
FILING DATE: 10-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: Monroy, Gladys H
REGISTRATION NUMBER: 32,430
REFERENCE/DOCKET NUMBER: 27340-20021.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
SEQUENCE CHARACTERISTICS:
LENGTH: 2247 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: UNKNOWN
ORIGINAL SOURCE:
ORGANISM: PORPHYROMONAS GINGIVALIS
FEATURE:
NAME/KEY: misc-feature
LOCATION: 1..2247
US-09-221-017B-475

Query Match 17.6%; Score 28.8; DB 4; Length 2247;
Best Local Similarity 53.6%; Pred. No. 2.8;
Matches 60; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY	41	AAGATAGACATGATGAGCATCTGCATAAACTTGAGATTCAGATTGGTGGCG	100
Db	1368	AAAAGAACGCCCTACAGCTGAAATGAGCGAGGGTCCGTAGGGTAGCCATGCCG	1309
QY	101	AGGGAATGGCAGGACCAACAAATGAGCACAGCAGCAGCCTATGGTGA	152
Db	1308	AGGGAATGAAATCCATCAGGAGCAGTCGGTGTACCAACGAGAA	1257

Search completed: December 13, 2002, 20:59:43
Job time : 61 secs